

Fig.1

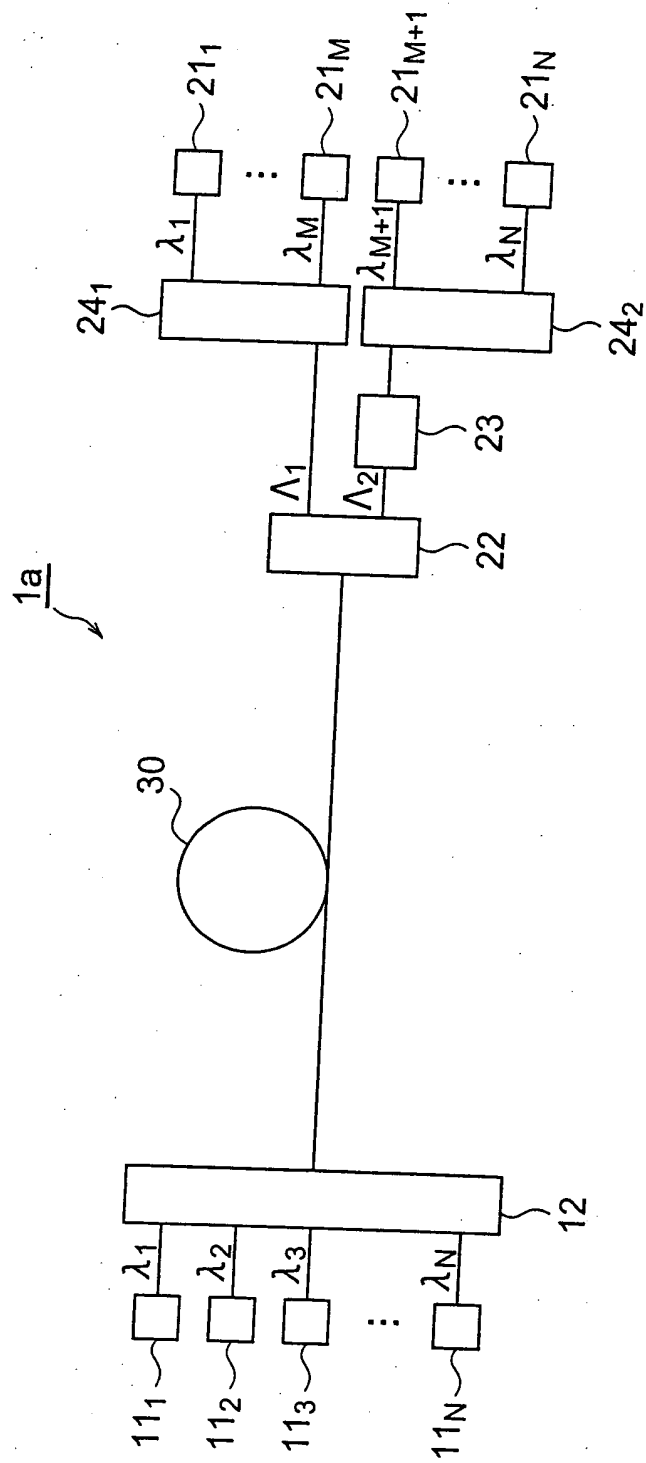
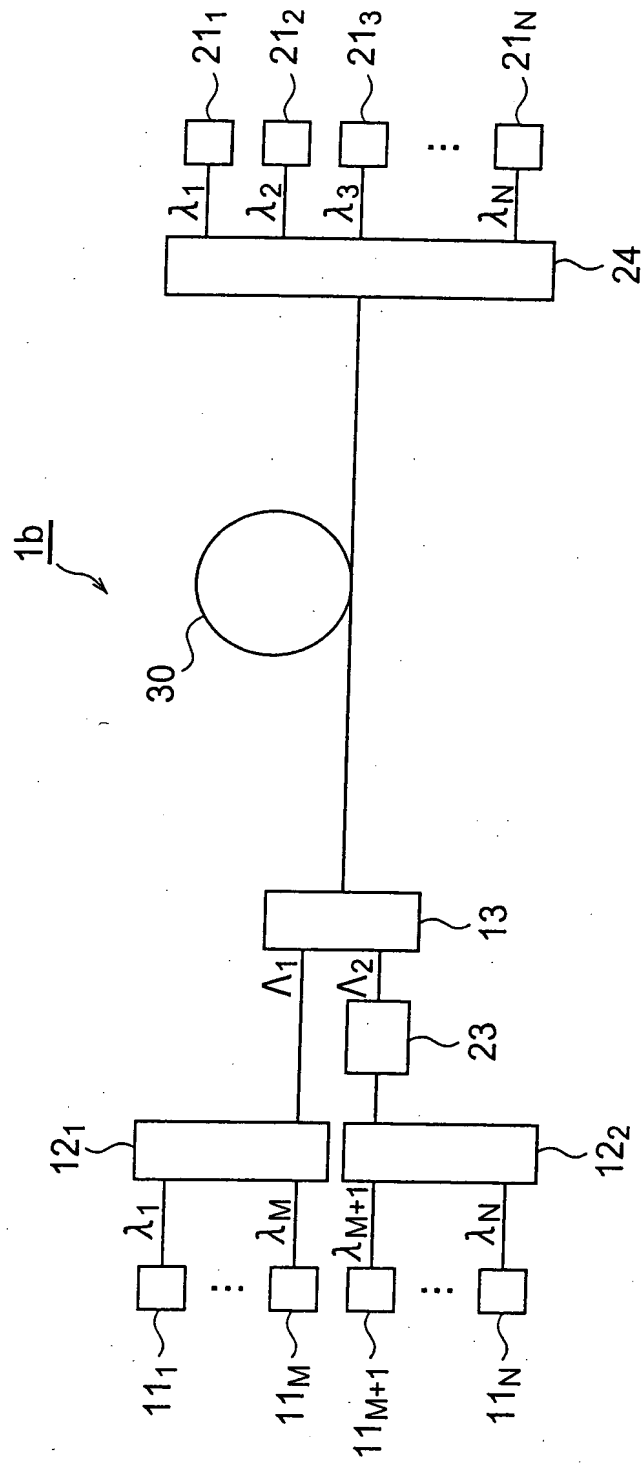


Fig.2



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Fig.3

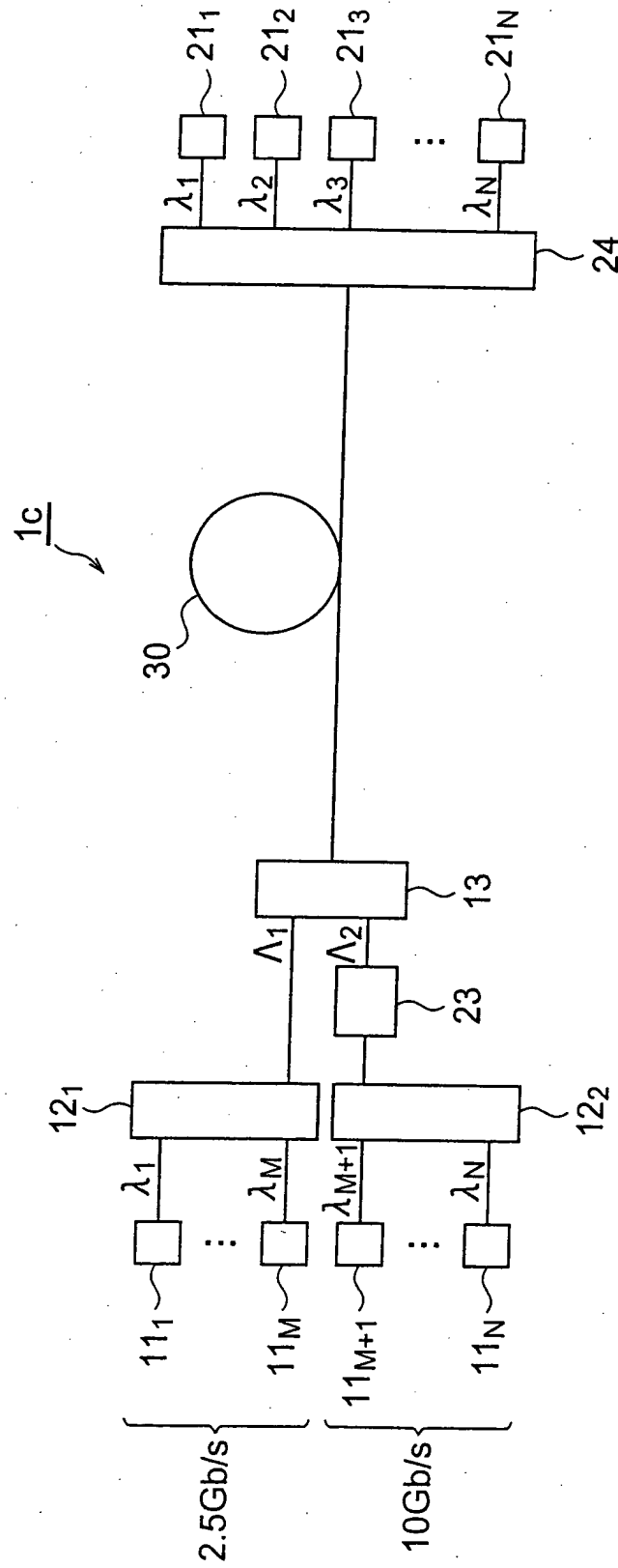


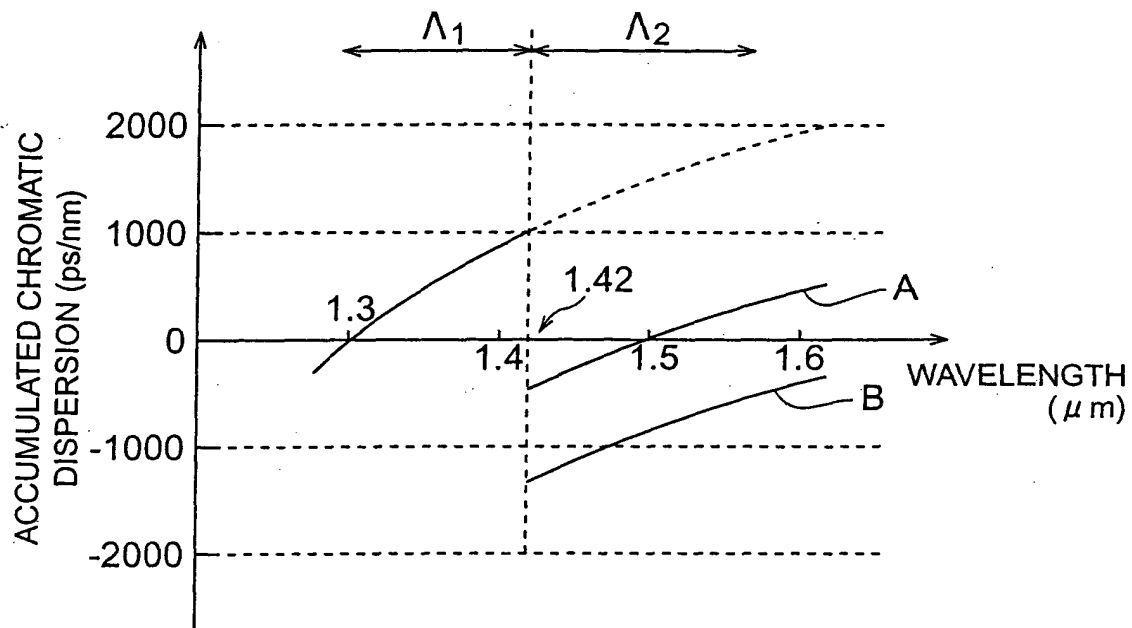
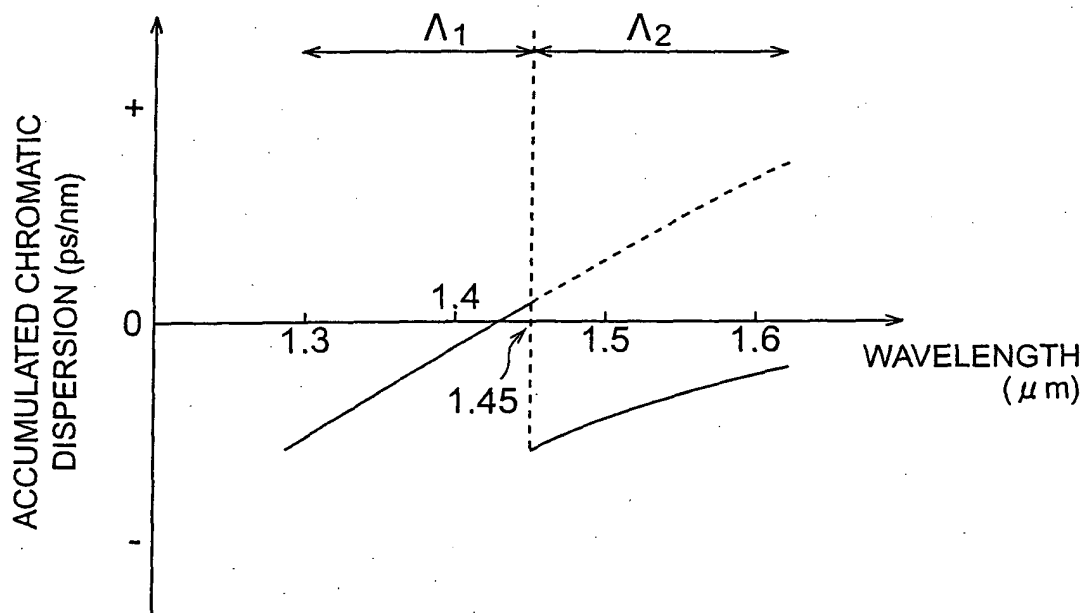
Fig.4**Fig.5**

Fig. 6

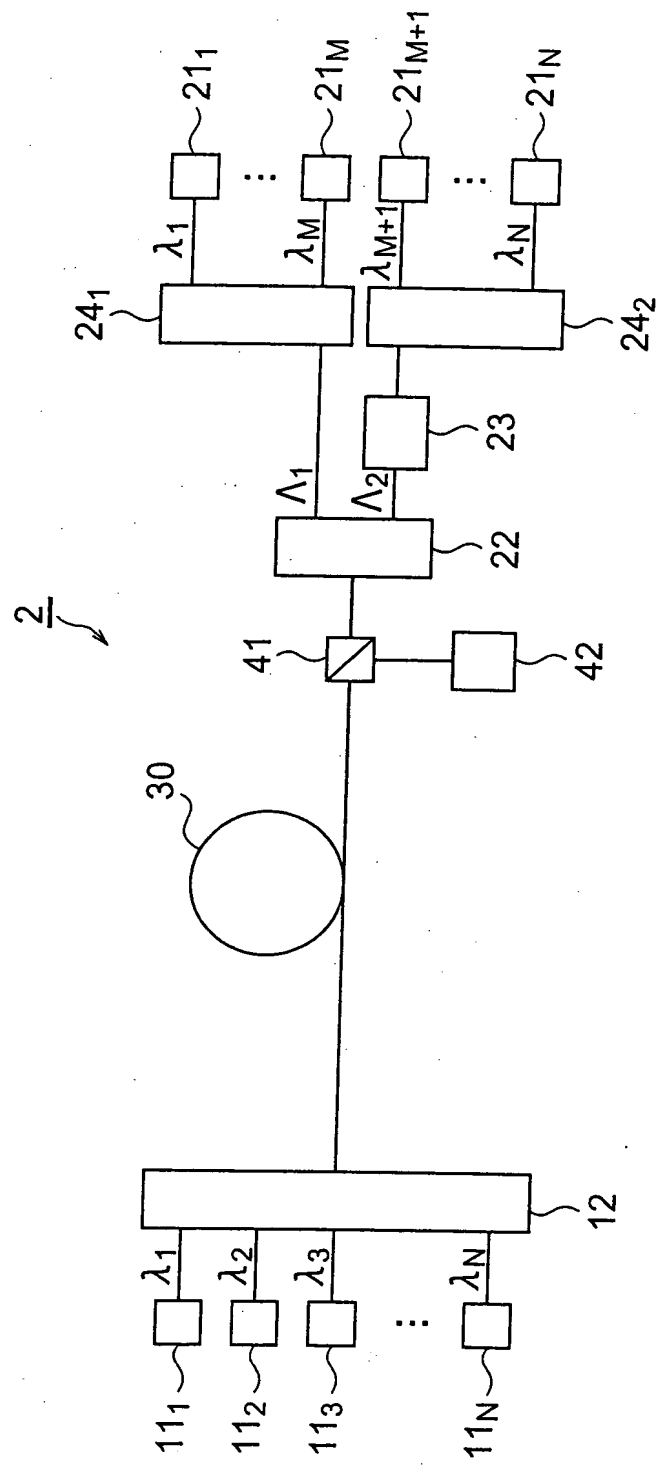


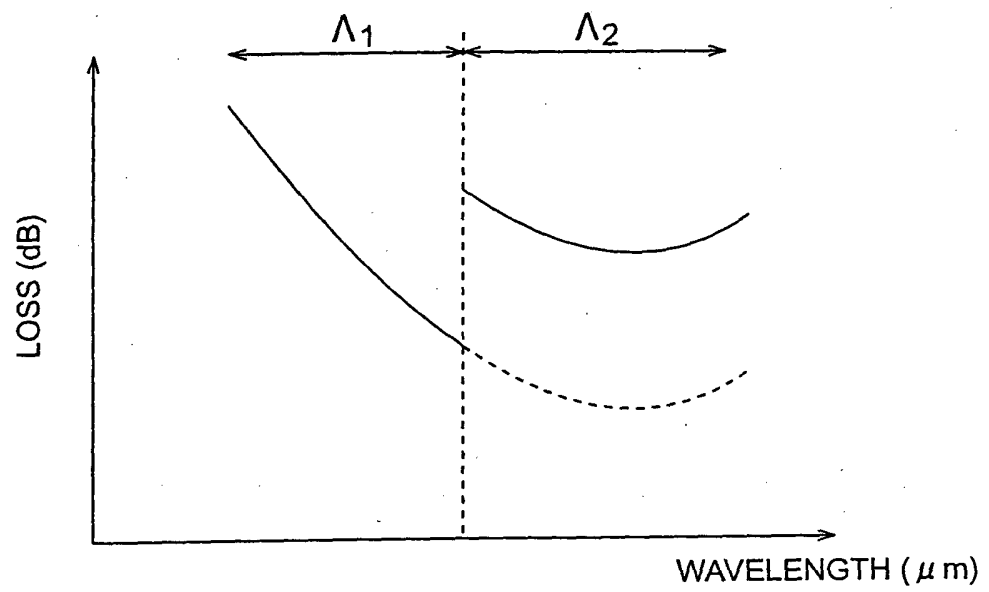
Fig.7

Fig. 8

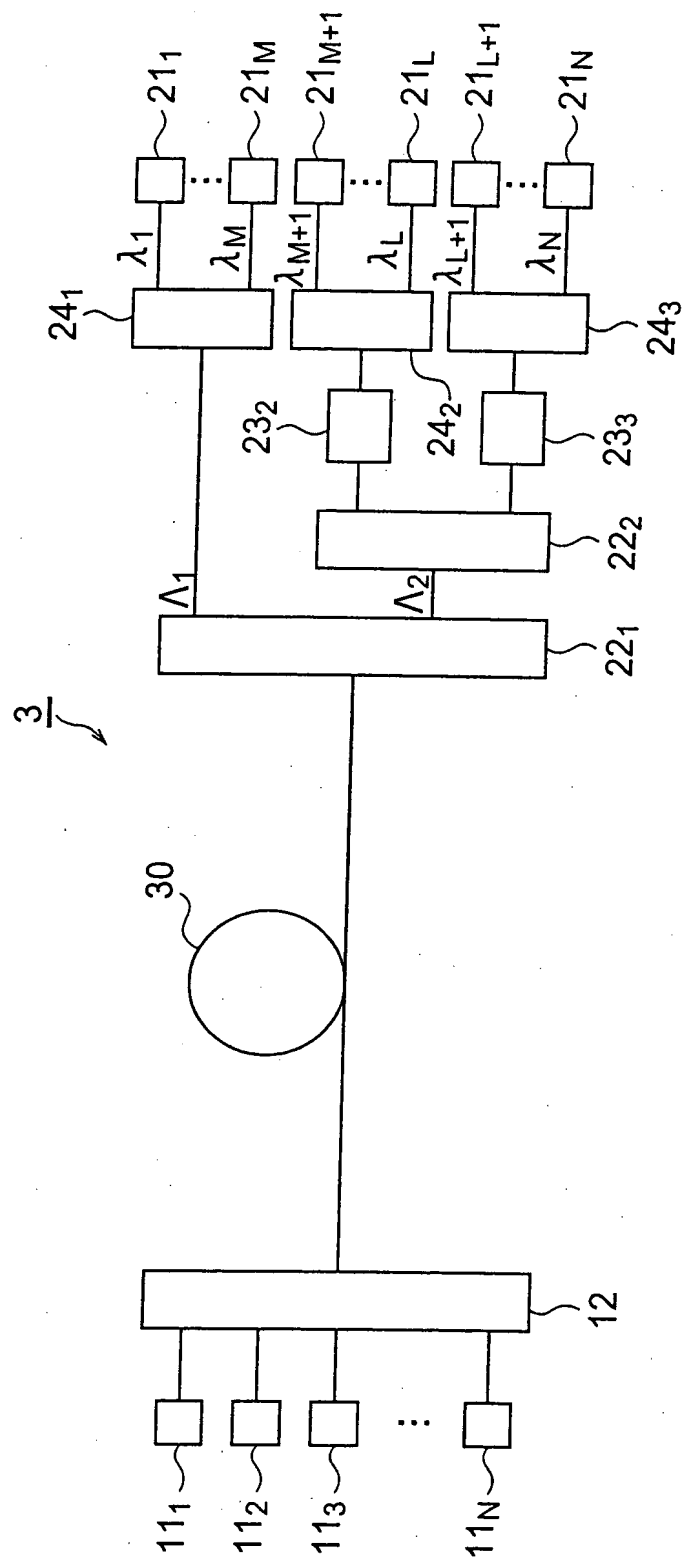
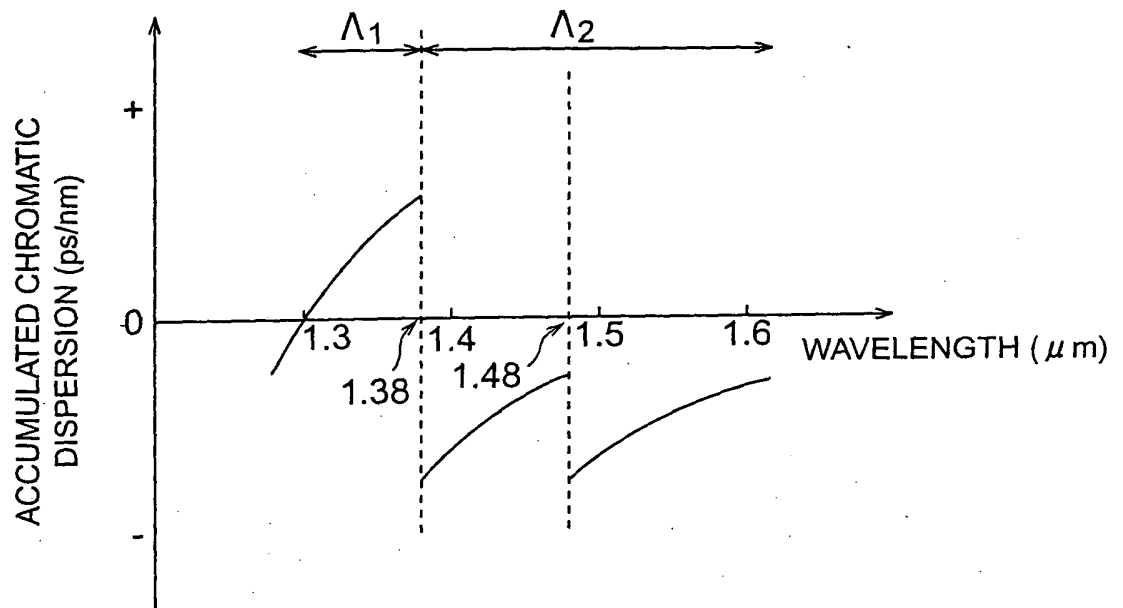


Fig.9**Fig.10**

FIBER LENGTH	MAXIMUM ACCUMULATED CHROMATIC DISPERSION	MAXIMUM TRANSMISSION PENALTY
7	1000	1.0
14	20	0.1
14.3	-20	-0.1
15	-100	-0.2

Fig.11

FIBER LENGTH	1530 nm		1550 nm		1570 nm		1590 nm	
	ACCUMULATED CHROMATIC DISPERSION	TRANSMISSION PENALTY	ACCUMULATED CHROMATIC DISPERSION	TRANSMISSION PENALTY	ACCUMULATED CHROMATIC DISPERSION	TRANSMISSION PENALTY	ACCUMULATED CHROMATIC DISPERSION	TRANSMISSION PENALTY
5	410	0.5	501	0.5	585	0.6	671	0.7
9	58	0.1	99	0.2	134	0.3	177	0.3
10	-30	-0.1	1	0.1	25	0.1	54	0.1
10.5	-70	-0.2	-47	-0.1	-31	-0.1	-4	0
11	-119	-0.2	-102	-0.2	-94	-0.2	-71	-0.2
15	-462	-0.2	-493	-0.3	-541	-0.3	-572	-0.3

Fig.12

FIBER LENGTH	1530nm	1550nm	1570nm	1590nm
9	0.8	1.1	1.7	3.1
10	-0.1	0.1	0.3	0.6
10.5	-0.2	-0.1	-0.1	0
11	-0.3	-0.3	-0.3	-0.2

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Fig.13A

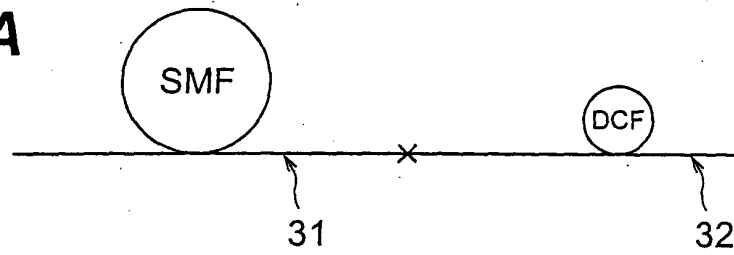


Fig.13B

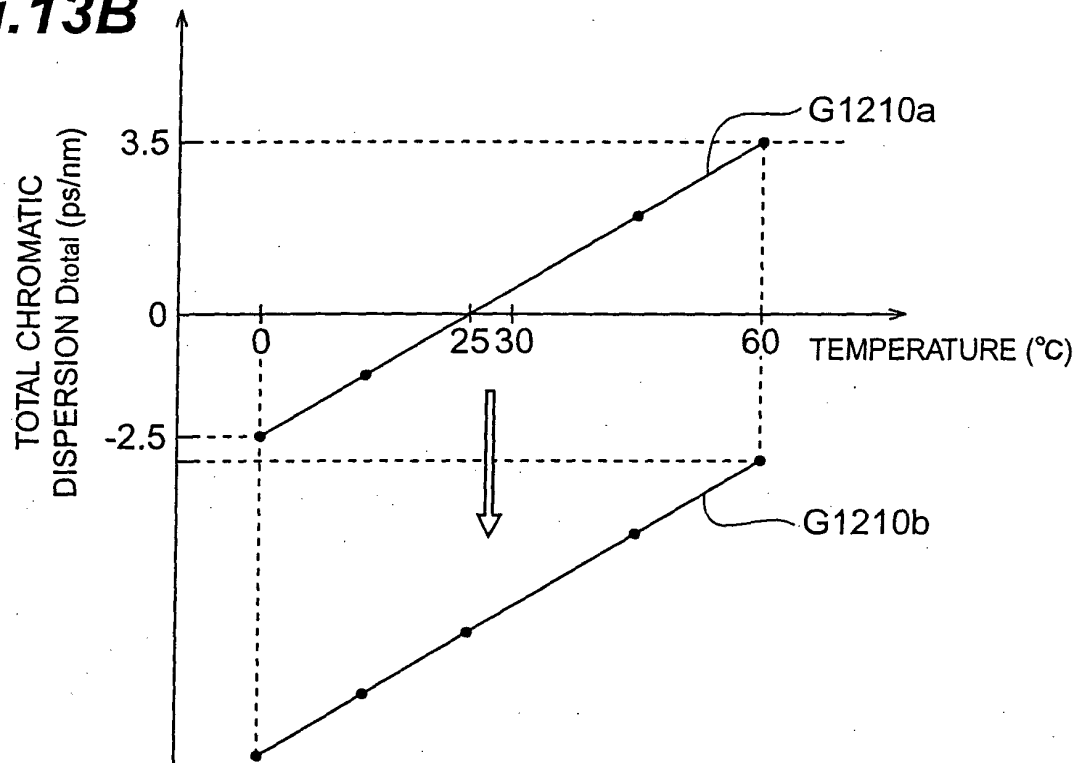


Fig.13C

